

ABSTRACT

A method and apparatus are provided for predetermining the withdrawal force required to disconnect an appliance coupler such as a plug and socket. The invention also relates to a method and apparatus for preventing disconnection of an appliance coupler such as a plug from
5 a socket. Furthermore, the invention relates to method and apparatus for preventing inadvertent or unintentional disconnection of a plug from a socket for the supply of electrical power to a medical apparatus.